

[illegible]

Page 1

Accept

[REDACTED]

Setup Start

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

Stop



Start Date: 8/13/2010 **Start Qty:** 1.00

Cust Item ID:

Required Date: 8/27/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan: MF

Date: 10-8-12 Tooling:

Date:

Run Start

[REDACTED]

QC:



Date:

SPC (Y/N):

Date:

Stop

[illegible]

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2221	Rev H								
100		0.00							
	Large Fab								
Large Fab									
Large Fab	Memo	0.00							
	1- assemble all ribs and both D2581 in DT9444 jig, weld as per dwg D2221								
	2- remove basket from jig and weld D3442-1 shims and D2232-3 hinges as per dwg D2221								
	3- tack weld mesh on basket as per dwg D2221								
	A/R ER316 S.S. Rod Batch: <u>H114649</u>								
110"									
	QC9- Inspect visual per QS1004- Fusion Welds	0.00							
QC									
Quality Control	Memo	0.00							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 61270

Thursday, August 12, 2010 9:12:03 AM



Page 2

Item ID: D2221

Accept



Setup Start



Revision ID:

Stop



Item Name: 350 Basket Base

Start Date: 8/13/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 8/27/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120



QC

Quality Control

QC6- Inspect dimensions to drawing

0.00

8/10/08/06

0.00

Memo



125



HandFinish

Hand Finishing

Pressure Wash per QSI005 4.3

0.00

0.00

Memo

1

Bl 10-8-26

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 61270

Thursday, August 12, 2010 9:12:03 AM



Page 4

Item ID: D2221

Accept



Setup Start



Revision ID:

Stop



Item Name: 350 Basket Base

Start Date: 8/13/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 8/27/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

150

Identify as per dwg & Stock Location:

0.00



Packaging

used on w/o 61269
Memo

0.00

80 10/08/27

Packaging

D350-607-43

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/08/27
MF
10-8-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 12, 2010 9:12:02 AM

Page 1

Work Order ID: 61270



Parent Item: D2221

Parent Item Name: 350 Basket Base

Start Date: 8/13/2010

Required Date: 8/27/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:J 05.09.02 Added D3442-1 ☐ KJ/JLM
 IPP Rev:K 08-08-29 revG as per dwg DD verified by:EC
 IPP Rev:L 08-09-24 plug holes prior to powder coat DD verified by:EC
 IPP Rev:M 08-12-02 revH as per dwg DD verified by:EC IPP Rev:N
 10.06.29 added pressure wash DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2221-1 Rib		Manufactured	No			100	Each	20.0000	1	1			
<div> <div>Location</div> <div>Loc Qty</div> <div>Loc Code</div> </div>													
<div> <div>WA</div> <div>20</div> <div></div> </div>													
<div> <div>59275</div> <div>1</div> <div></div> </div>													
<div> <div>60172</div> <div>7</div> <div></div> </div>													
<div> <div>61091</div> <div>12</div> <div></div> </div>													
D2221-5 Rib		Manufactured	No			100	Each	8.0000	2	2			
<div> <div>Location</div> <div>Loc Qty</div> <div>Loc Code</div> </div>													
<div> <div>WA</div> <div>8</div> <div></div> </div>													
<div> <div>60173</div> <div>8</div> <div></div> </div>													
D2221-7 Rib		Manufactured	No			100	Each	4.0000	1	1			
<div> <div>Location</div> <div>Loc Qty</div> <div>Loc Code</div> </div>													
<div> <div>WA</div> <div>4</div> <div></div> </div>													
<div> <div>60575</div> <div>4</div> <div></div> </div>													

PD 10.08.23

PD 10.08.23

PD 10.08.23

PD

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 12, 2010 9:12:02 AM

Page 2

Work Order ID: 61270



Parent Item: D2221

Parent Item Name: 350 Basket Base

Start Date: 8/13/2010

Required Date: 8/27/2010

Start Qty: 1.00

Required Qty: 1.00

D2232-3

Manufactured No

100

Each

8.0000

2

2



Basket Hinge



PD 10.08.23

Location

Loc Qty

Loc Code

WA

8

60325

2

60831

6

D2235-1

Manufactured No

100

Each

14.0000

2

2



Basket Rib



PD 10.08.23

Location

Loc Qty

Loc Code

WA

14

60274

4

60832

10

D2581

Manufactured No

100

Each

61.0000

2

2



Mounting Bracket



PD 10.08.23

Location

Loc Qty

Loc Code

WA

61

60198

26

60470

35

D3442-1

Manufactured No

100

Each

16.0000

2

2



Shim



PD 10.08.23

Location

Loc Qty

Loc Code

WA

16

58028

4

60177

12

Thursday, August 12, 2010 9:12:02 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 12, 2010 9:12:02 AM

Page 3

Work Order ID: 61270

Parent Item: D2221



Parent Item Name: 350 Basket Base

Start Date: 8/13/2010



Required Date: 8/27/2010

Start Qty: 1.00



Required Qty: 1.00

D3825-041 Manufactured No 100 Each 8.0000 2 2
  PD 10.08.23
 Rib Assembly (Basket End)



Location	Loc Qty	Loc Code
WA	8	
60104	2	
60838	6	

D3826-041 Manufactured No 100 Each 8.0000 2 2
  PD 10.08.23
 Rib / Gusset Assembly

Location	Loc Qty	Loc Code
WA	8	
60182	2	
60670	6	

D3827-041 Manufactured No 100 Each 7.0000 1 1
  PD 10.08.23
 Rib Assembly (Inboard)

Location	Loc Qty	Loc Code
ST	6	
60445	6	
WA	1	
59982	1	

D3832-1 Manufactured No 100 Each 6.0000 1 1
  ~~61205-04~~ PD 10.08.24
 Mesh (Base)

Location	Loc Qty	Loc Code
WA	6	
60132	2	
60447	1	
61022	3	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 12, 2010 9:12:02 AM

Page 4

Work Order ID: 61270



Parent Item: D2221



Parent Item Name: 350 Basket Base

Start Date: 8/13/2010

Required Date: 8/27/2010

Start Qty: 1.00

Required Qty: 1.00

D3833-1

Manufactured No

100

Each

9.0000

2

2



Mesh (Base End Face)



66285 → ① PD 10.08.24
BS → ①
59900

Location

Loc Qty

Loc Code

WA

9

59902

1

60448

8

Thursday, August 12, 2010 9:12:02 AM

Shop Packet Print

Page 4

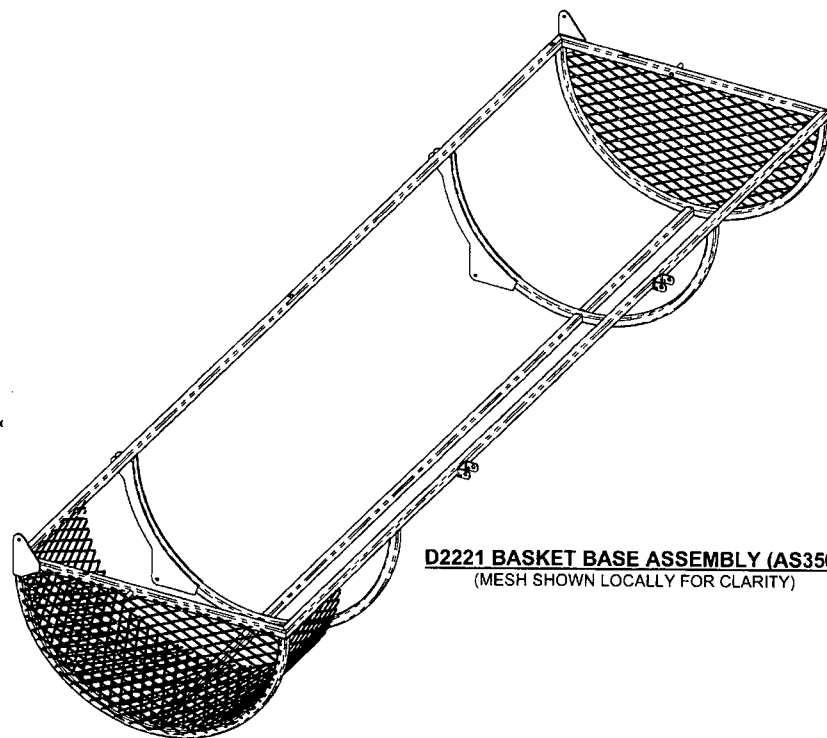
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



#61270

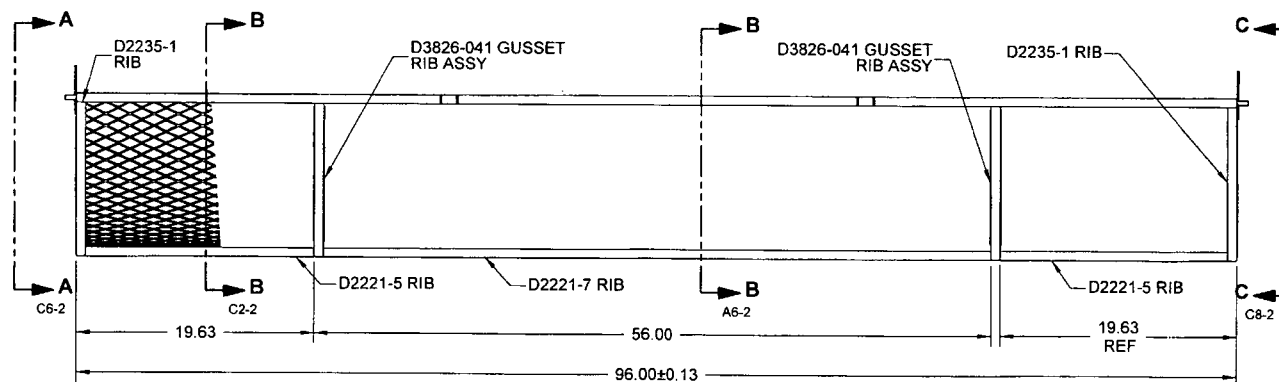
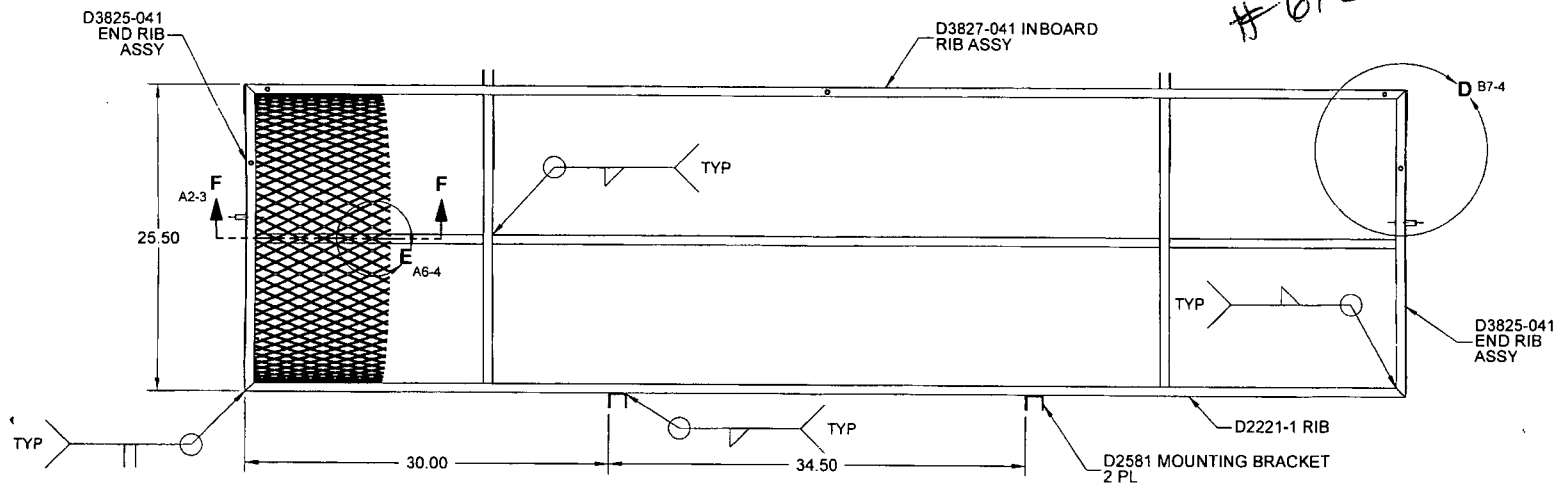
D2221 BASKET BASE ASSEMBLY (AS350)
(MESH SHOWN LOCALLY FOR CLARITY)

ITEM	QTY	P/N	DESCRIPTION
1	X	D2221	BASKET BASE ASSEMBLY (AS350)
2	1	D2221-1	RIB
3	2	D2221-5	RIB
4	1	D2221-7	RIB
5	2	D2232-3	BASKET HINGE
6	2	D2235-1	RIB
7	2	D2581	MOUNTING BRACKET
8	2	D3442-1	SHIM
9	2	D3825-041	RIB ASSY (BASKET END)
10	2	D3826-041	RIB/GUSSET ASSY
11	1	D3827-041	RIB ASSY (INBOARD)
12	2	D3833-1	MESH, BASE END FACE
13	1	D3832-1	MESH (BASE)

RECEIVED
08/11/18



H	REVISED PARTS LIST AND ADDED "ITEM" COLUMN TO PARTS LIST (ZN D3-1); REVISED SECTIONS A-A, B-B AND C-C (ZN C6-3, C2-3 AND A6-3); REVISED DETAIL D (ZN B7-4); ADDED DETAIL E (ZN A6-4); ADDED SECTION F-F (ZN B2-4); ADDED DWG DETAILS FOR D2221-11-51-7 (SHEET 5); TOL REVISED TO 2 DEC PLACES (ZN D8-3 AND ZN B4-3); D3825-041 REPLACES D2221-3/D2327-3; D3826-041 REPLACES D2235-1/D2325; D3827-041 REPLACES D2221-1 ON INBOARD SIDE; ADDED D3832-1 AND D3833-1. REASON: SATISFY "LEAN MANUFACTURING" PROGRAM.	MB	08.09.18
G	MATERIAL FOR -1, -3, -5 & -7 WAS 0.080 WALL. TOLERANCE FOR 96.00 DIM WAS +/-0.01 AND 56.00 DIM WAS REF (ZN B5-2); 19.62 DIM WAS "HARD" DIMENSION IS NOW "REF" (ZN B4-2); NOTE 5 TRANSFERRED FROM SHT 1 TO SHT 2; SHT 2 MESH MATERIAL UPDATED; DRAWING TRANSFERRED TO "B" FORMAT	AJS	08.06.16
F	ADD SHIM UNDER HINGE; ADD HOLES FOR SPLIT LID BASKET	PH	05.05.07
E	CHANGE HINGE	CP	01.04.19
D	CHANGE LATCH	BW	96.06.21
C	SEPARATE BASKET AND LID	KH	95.11.21
REV.	DESCRIPTION	BY	DATE
DESIGN	BW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2221	SHEET 1 OF 5
APPROVED		TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (350)	NTS
DATE	08.09.18	COPYRIGHT © 1994 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

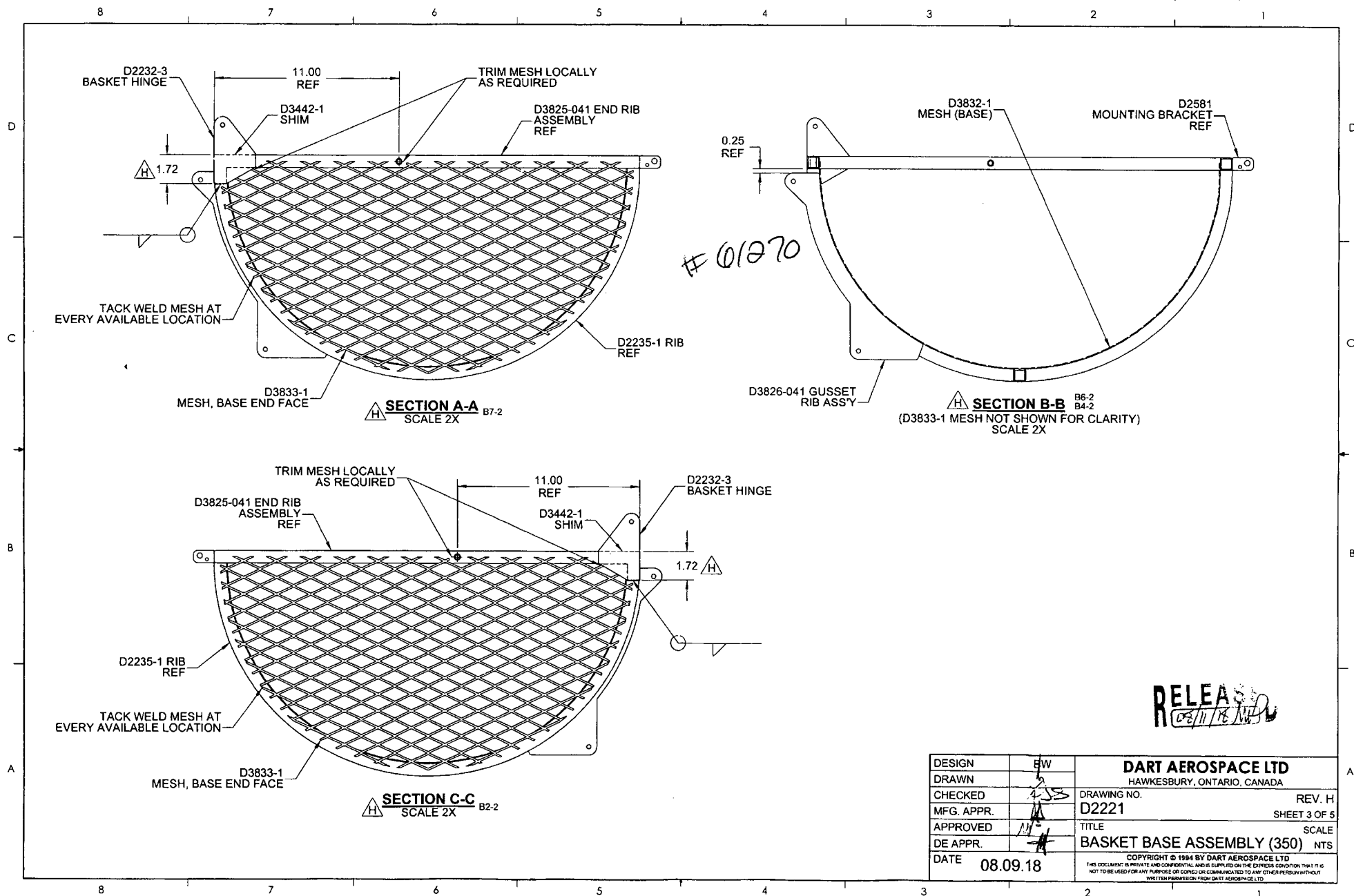
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 42.00 lbs APPROX
 - 8) MASK ALL HOLES PRIOR TO POWDER COATING



D2221 BASKET BASE ASSEMBLY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

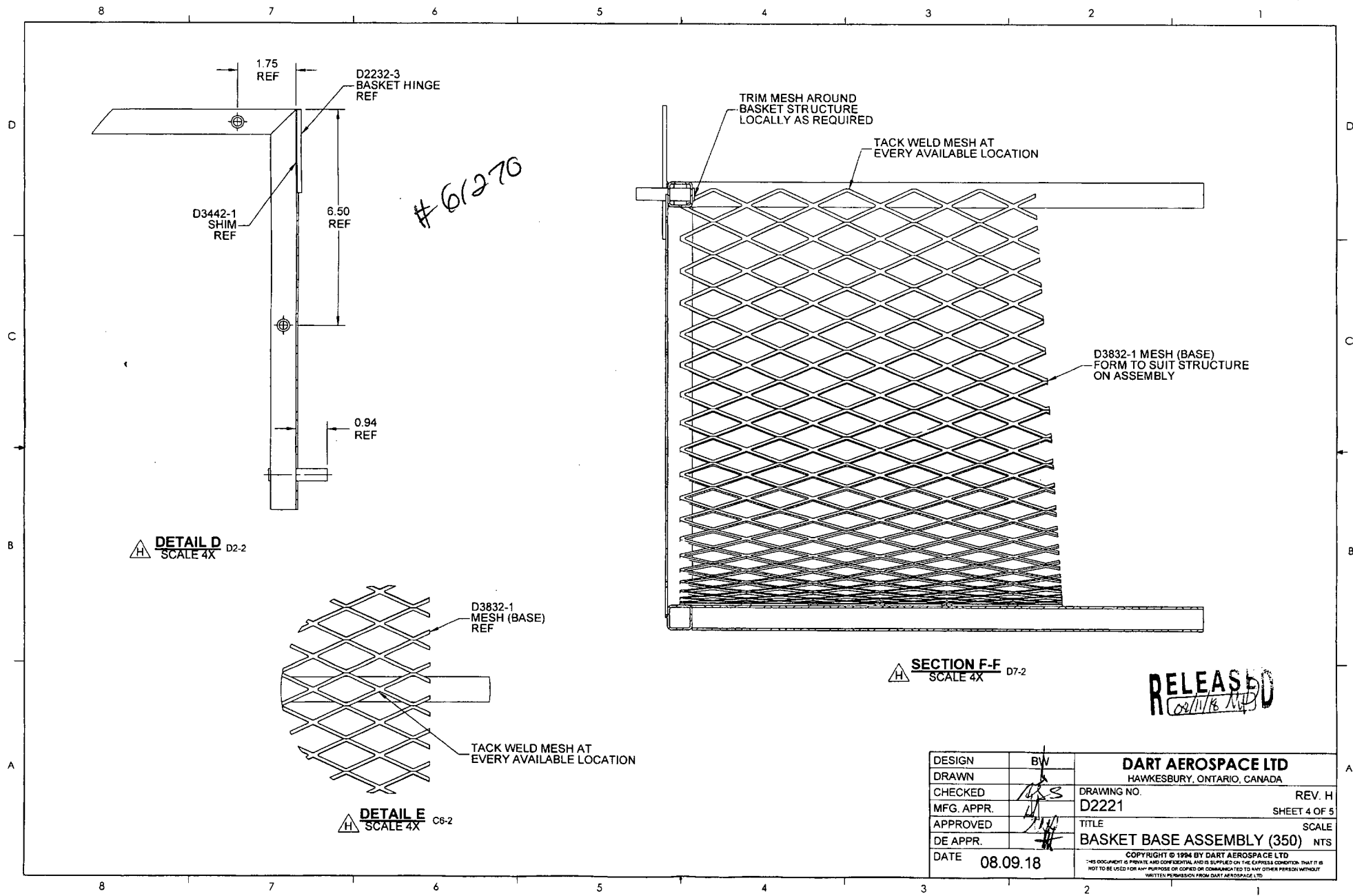
RELEASED
06/11/18

DESIGN	BW	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2221	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (350)	NTS
DATE	08.09.18	COPYRIGHT © 1994 BY DART AEROSPACE LTD	
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RELEASE
08/11/18

DESIGN	BW	DART AEROSPACE LTD	
DRAWN	JS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JS	DRAWING NO.	REV. H
MFG. APPR.	JS	D2221	SHEET 3 OF 5
APPROVED	JS	TITLE	SCALE
DE APPR.	JS	BASKET BASE ASSEMBLY (350)	NTS
DATE	08.09.18	<small>COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



DETAIL D
SCALE 4X D2-2

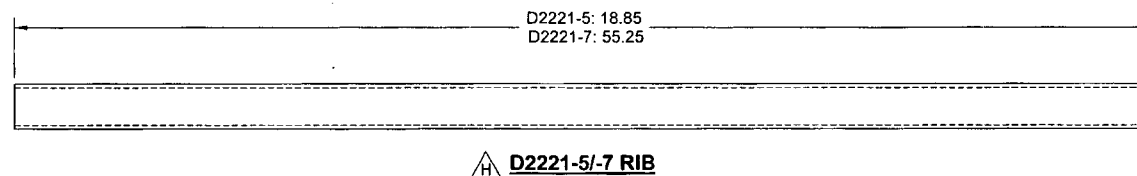
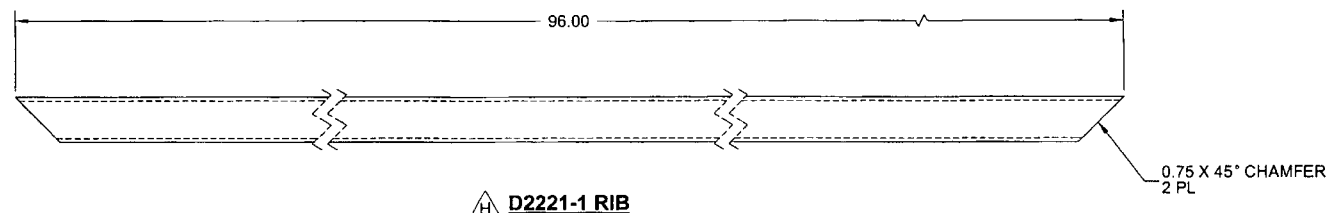
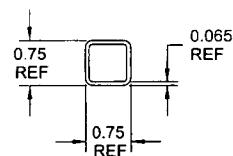
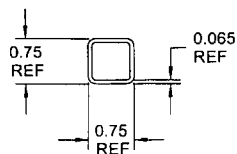
DETAIL E
SCALE 4X C6-2

SECTION F-F
SCALE 4X D7-2

RELEASED
08/11/18

DESIGN	BW	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2221	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (350)	NTS
DATE	08.09.18	<small>COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

#61270



RELEASED
08/11/18

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL
REF. DART SPEC. M304TS0.750W0.065
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 8) WEIGHT: D2221 -1 = 4.57 lbs; D2221-5 = 0.90 lbs; D2221-7 2.65 = lbs

DESIGN	BW	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	ADS	DRAWING NO.	REV. H
MFG. APPR.	MS	D2221	SHEET 5 OF 5
APPROVED	W	TITLE	SCALE
DE APPR.	SH	BASKET BASE ASSEMBLY (350)	NTS
DATE	08.09.18	<small>COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	